SIDECHAIN ANALYTICS

SCAN TO VERIFY
COA-2026-SC-04351
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CERTIFICATE OF ANALYSIS · IDENTITY · PURITY

# Retatrutide

**10 mg** · CAS 2381089-83-2 · $C_{221}H_{342}N_{46}O_{68}$ · 4731.3 g/mol

Client: **Luxe Peptides**

SAMPLE ID **RET-898_D** ISSUED OCTOBER 26, 2026

## § 01 Sample Information

| | |
|---|---|
| Report No.: | **COA-2026-SC-04351** |
| Appearance: | **Lyophilized powder** |
| Received: | **10/19/2026** |
| Analyzed: | **10/26/2026** |



SAMPLE PHOTOGRAPH

## § 02 Analytical Results

*Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)*
*Instrument · Agilent 1290 Infinity II with Agilent 6495 QQQ*

| IDENTITY | NET PEPTIDE CONTENT | PEPTIDE FILL ACCURACY | CHROMATOGRAPHIC PURITY |
|---|---|---|---|
| **Confirmed** | **9.65 mg** | **96.5 %** | **99.6 %** |
| Principal component confirmed against reference standard | Total peptide in the vial as received | Measured net content ÷ declared label claim | Principal-component peak area (Ph. Eur. 2.2.46) |

**Chromatographic purity** is calculated by quantifying every peptide in the method and expressing the target peptide's concentration as a percentage of the total peptide concentration measured — the target against all other peptide signal detected in the same sample. It is separate from net peptide content; this document contains **no pass/fail determination** against any specification or label claim.

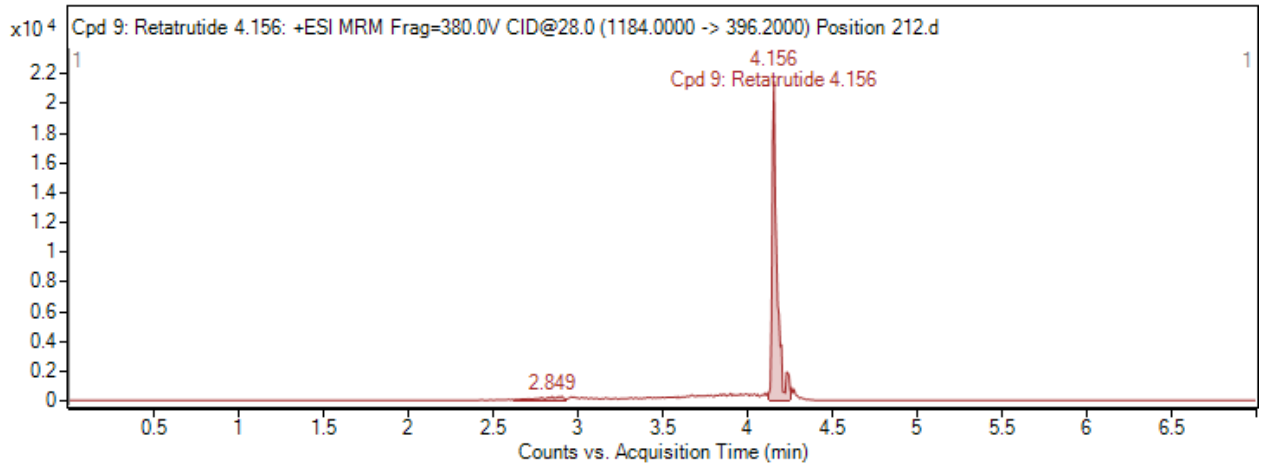
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## § 03 Chromatogram — Retatrutide

Instrument acquisition — HPLC-MS/MS (MRM). Chromatographic trace as acquired for this sample.




**Retatrutide**